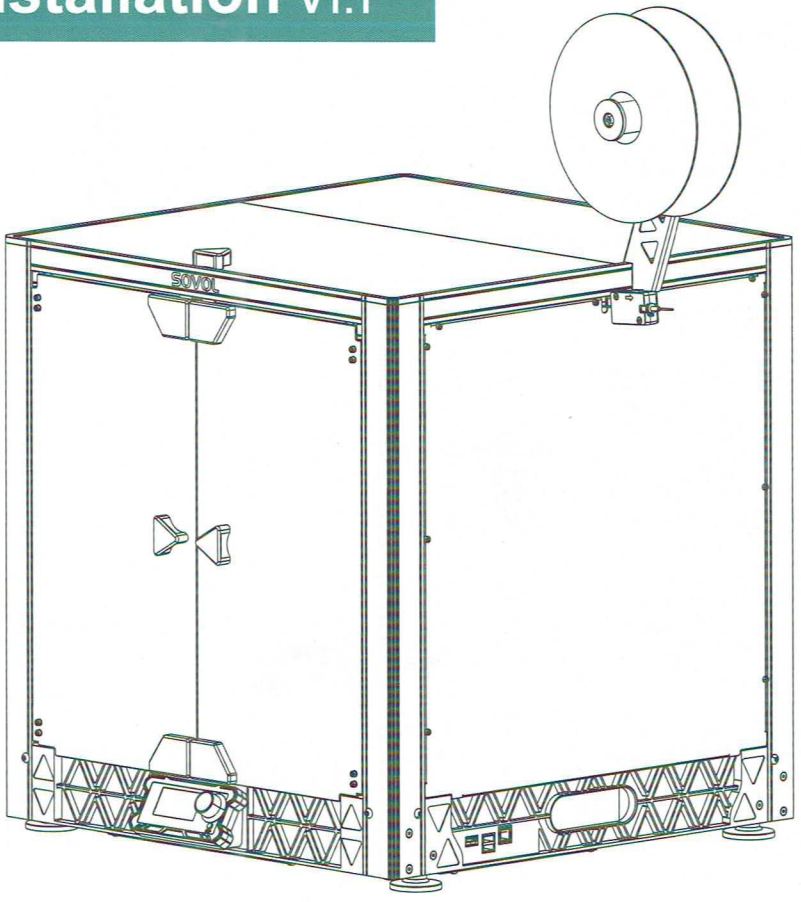
SOVOL

# SV08

## Enclosure Kit Installation V1.1



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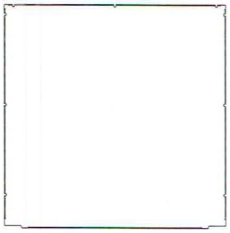
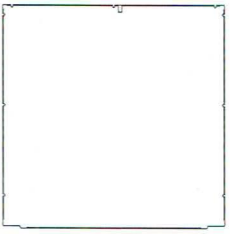
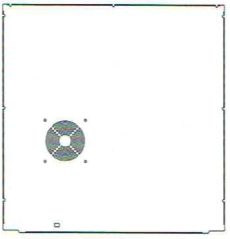
## List of Accessories



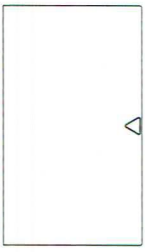
Left Side Cover



Right Side Cover

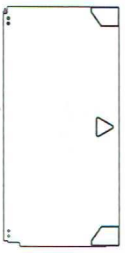


Back Side Cover

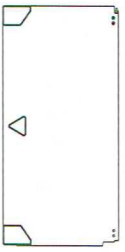


Top Side Cover A

Top Side Cover B



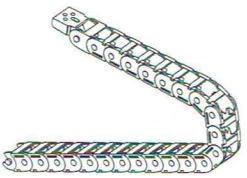
Front Side Glass Cover (Left)



Front Side Glass Cover (Right)

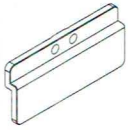
Axial Fan*1

3-in-1 dust Cover*1

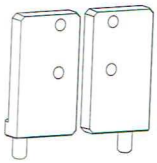


Tow*1

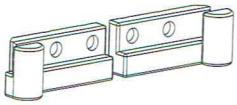
## List of Accessories



Door Stops*2

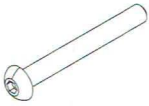


Left and Right Hinge



Left and Right Pivot Fixed Block

M3x8 hexagon cylindrical head screws*47

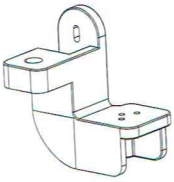


M4x35 hexagon flat round head screws*4

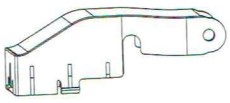
M3x6 hexagon countersunk screws*8

M3x6 hexagon flat round head screws*3

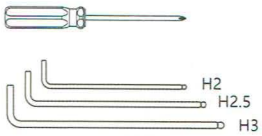
Plug nail*4



Wirling bracket*1



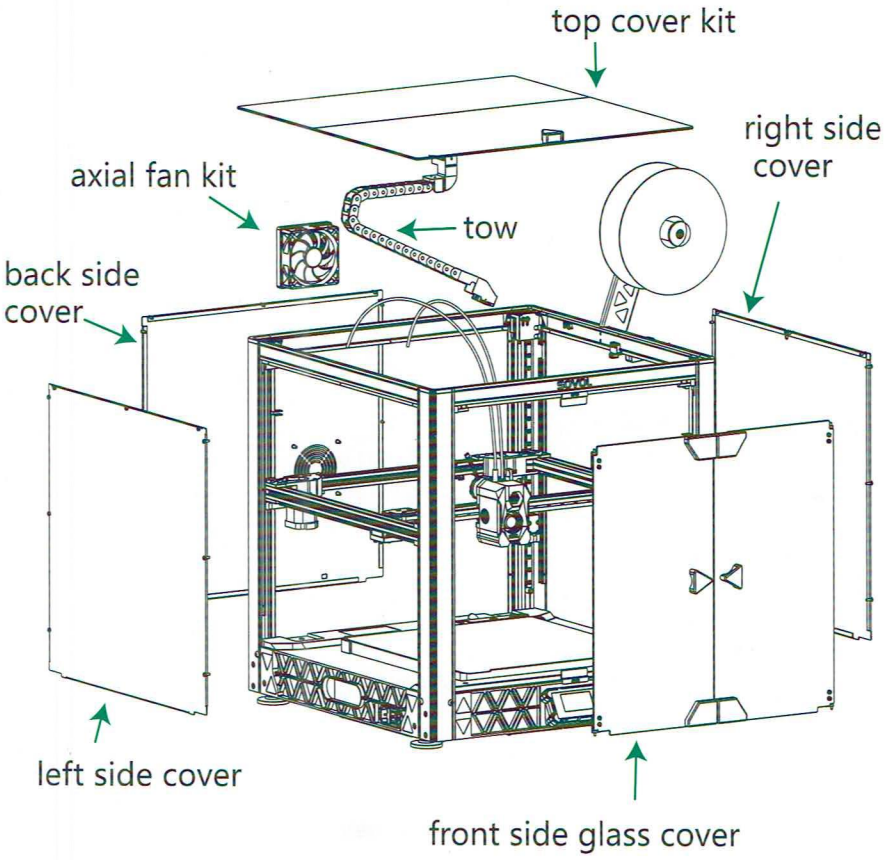
Wirling cover*1

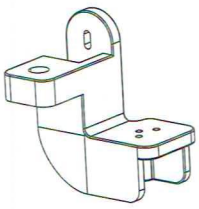



Toolkit

PLA Print Website Download Link:
https://drive.google.com/drive/folders/17Gu9re0tIqgUd6YQEexM8OfkfdzV-3Jg

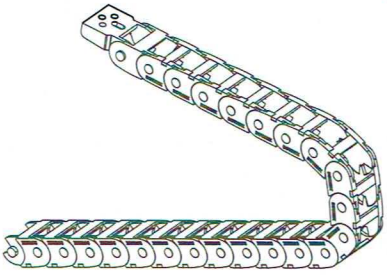
## Exploded view of the Cover kit



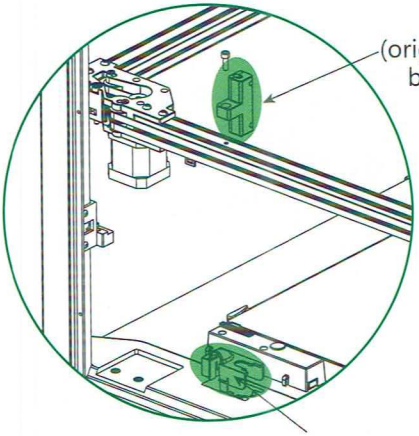


Wiring bracket

M3x6 hexagon flat round head screws*3

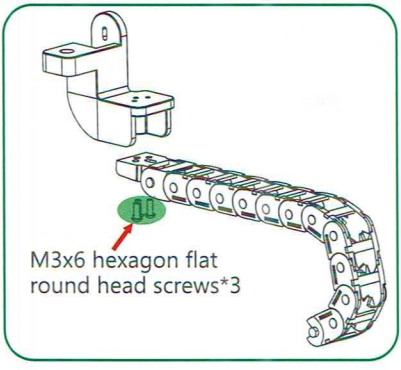


tow



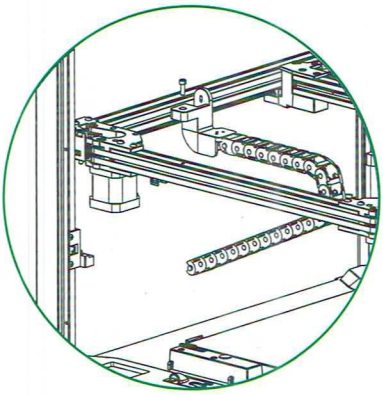

**step1**

Use a screwdriver to remove the original wiring harness bracket and wiring harness cover, the wiring harness bracket is fixed with screws, and the wiring harness cover plate is a buckle design, which can be pried open forcefully.



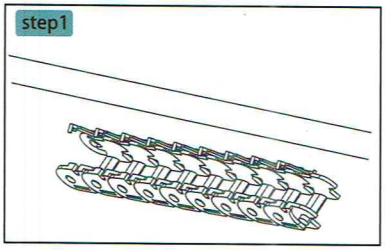

**step2**

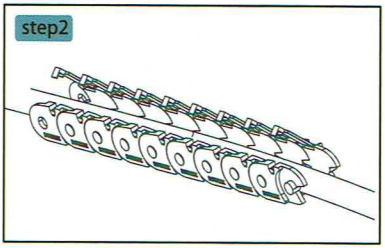
As shown in the picture, use the M3x6 hexagon flat round head screw to fix the tow to the harness bracket.

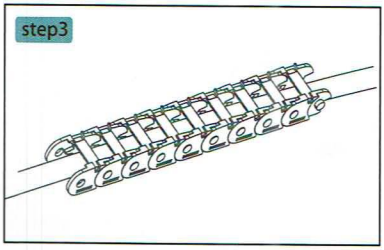


**step3**

Use M4x12 hexagon socket screws to fix the PLA print part of the harness bracket on the AB axis.

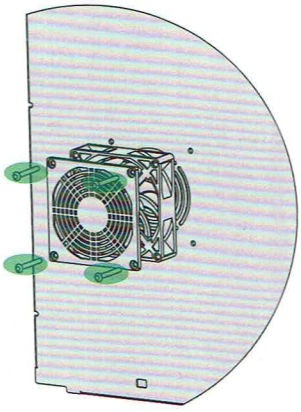


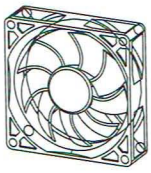

1.Use a screwdriver to pry open the buckle of the drag chain according to the method shown in the figure.
2.Stuff the wiring harness into the drag chain.
3.Finally snap the buckle of the drag chain back.

# Axial Fan Kit Installation

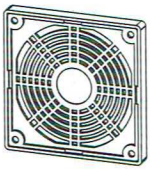


step1

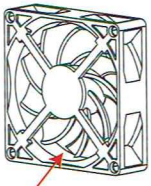
Use 4 M4x35 hexagon flat round head screws to secure the front cover of the axial fan and the 3-in-1 dust cover to the front side cover.

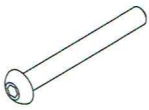


Axial Fan*1



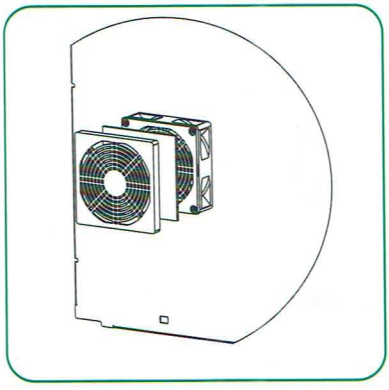
3-in-1 dust cover*1

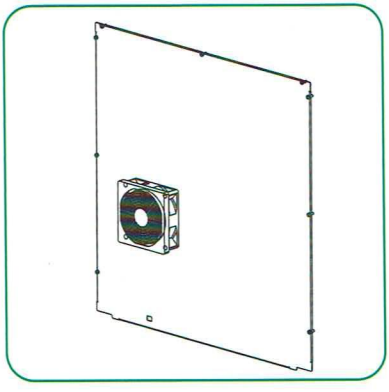




M4x35 hexagon flat round head screws*4

this side faces outward



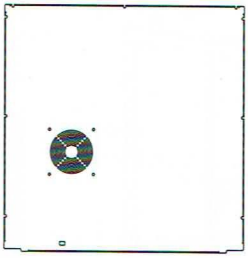


step2

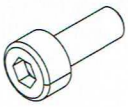
Place the filter cotton between the back cover and the back cover, and finally press the back cover tightly.

## Back Side Cover Mounting

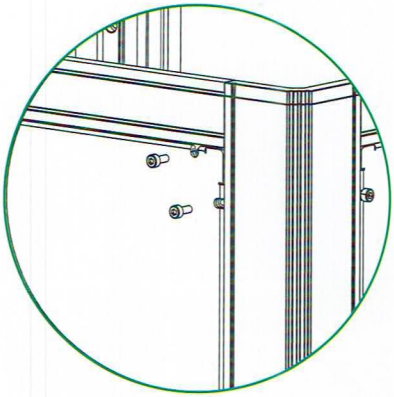
Pay attention to the front and back sides of the enclosure plate, the front side is facing outward, and the reverse side has a sheet metal bending, sealing plate protruding downward.

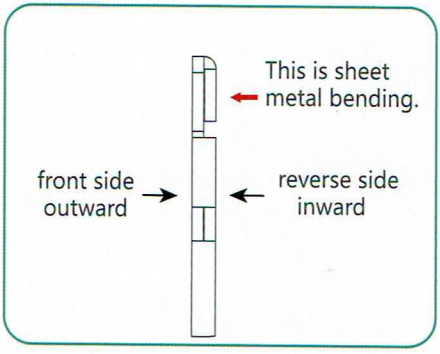


Back side sealing plate*1

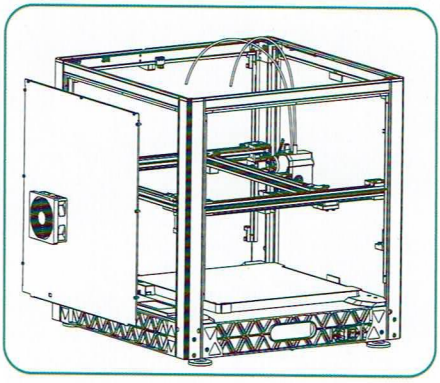


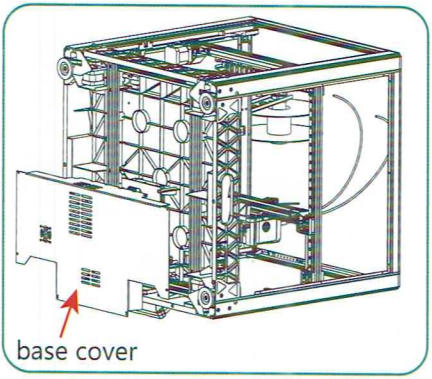
M3x8 hexagon cylindrical head screws*9






Use 9 pcs M3x8 socket screws to secure the back seal to the frame.

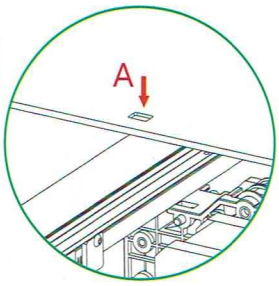


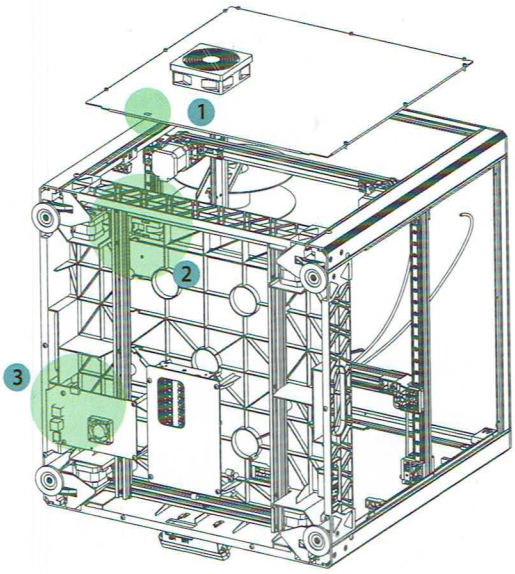



Note: The base cover is equipped with a cooling fan, and it is wired, so you need to pay attention to it when disassembling it to prevent it from falling off.

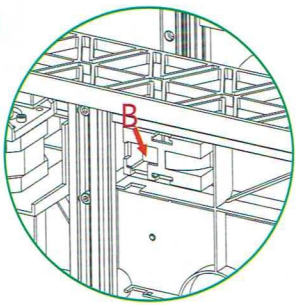
Before wiring the axial fan, the first step is to put the whole machine down, and then remove the base plate at the bottom, which is more convenient for the wiring of the fan.

step1

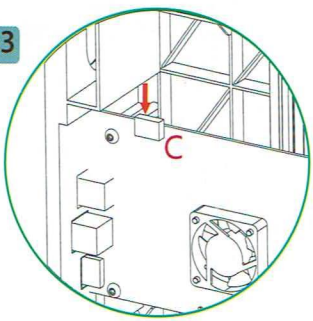



step2

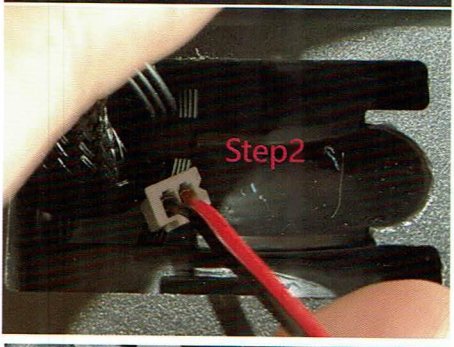


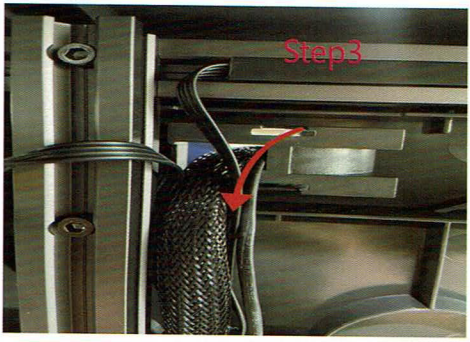

step3

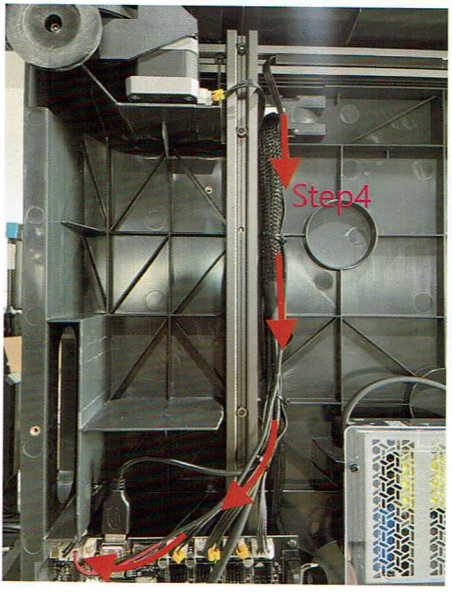


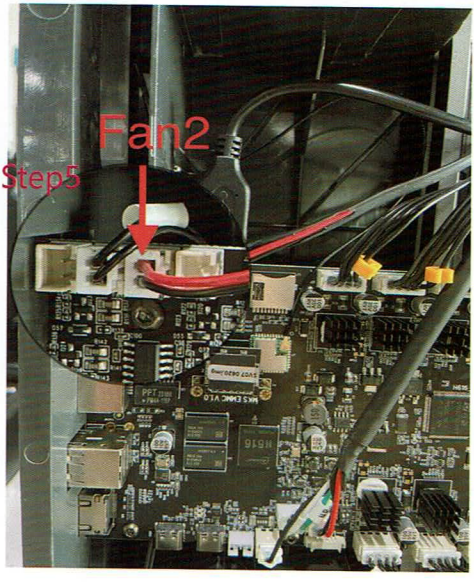

The cable of the axial fan is passed through hole A in Figure ①, through the wire duct B in Figure ②, and finally connected to the Fan2 interface at C in Figure ③.

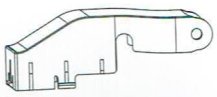
Pass the cable of the axial fan through the wire hole on the back sealing plate, through the wire duct, and connect the cable to the Fan2 interface of the mother-board according to the line arrangement shown in the figure, the excessively long cable is fixed together with a cable tie and the main line, and the exposed wire of the sealing plate can be pasted and fixed on the sealing plate with high-temperature adhesive tape.



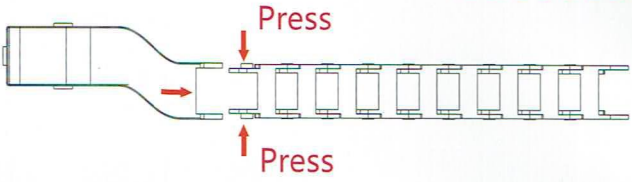



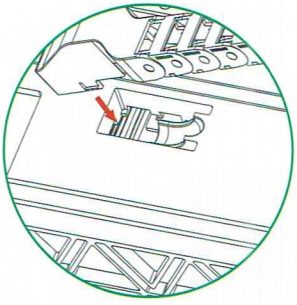


Harness cover plate
PLA printed



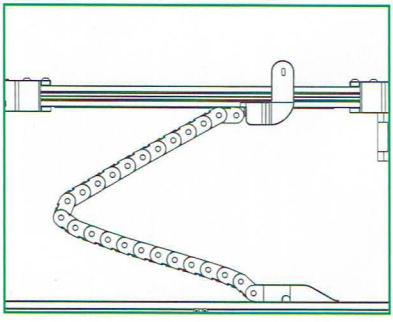

**step1**

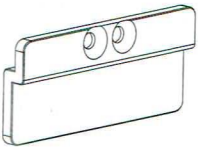
When connecting the tow chain with the harness cover, the end of the tow chain needs to be squeezed and aligned with the buckle position before the tow chain can be buckled into the harness cover.



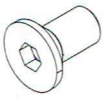
**step2**

Finally, arrange the wiring of the fan and buckle the wiring harness cover into the slot.

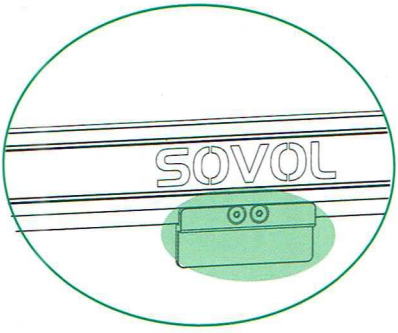




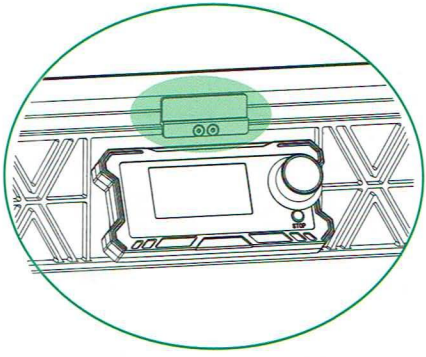
Door Stop*2



M3x6 Hexagon Countersunk Screws*4



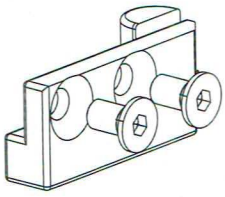

step1

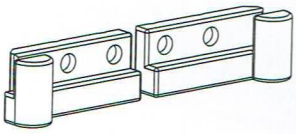


step2

Fix the two door stops on step1 the top profiles and step2 the base respectively, and fix them with M3x6 hexagon countersunk screws.

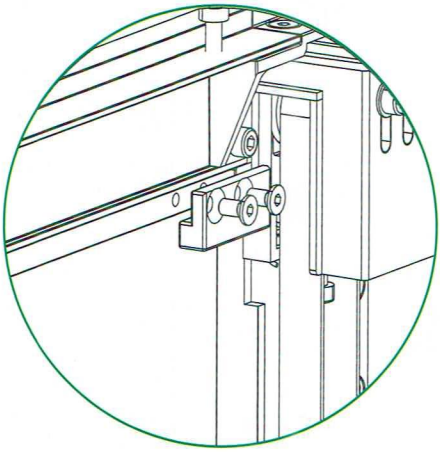
## Left and Right Fixed Block Mounting



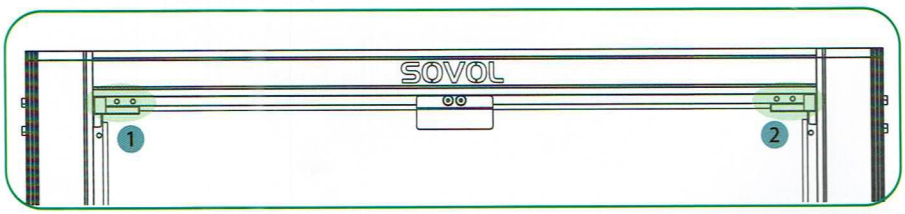


Left and right fixed block

M3x6 Hexagon Countersunk Screws*4



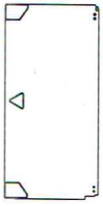
Fix the hinge fixed block on the top profile, align the hole position, and use the M3x6 hexagon countersunk screw to lock the screw from the inside to out.




The installation position of the rotating shaft fixed block has been shown in ① and ② in the figure.

## Front Side Glass Bezel Installation

Front Side Glass Cover (Left)

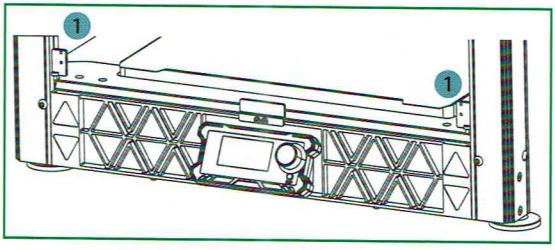


Front Side Glass Cover (Right)

M3x8 Screws*4

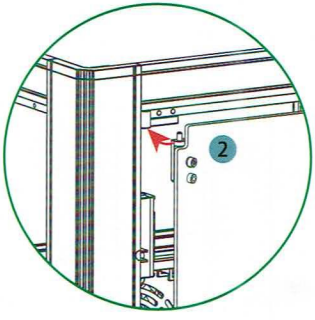
T-studs*4

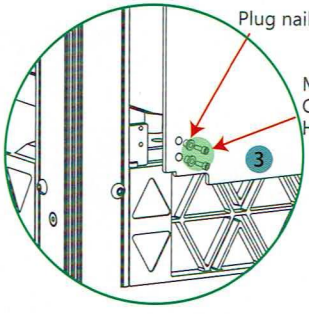
left and right hinge




**step1**

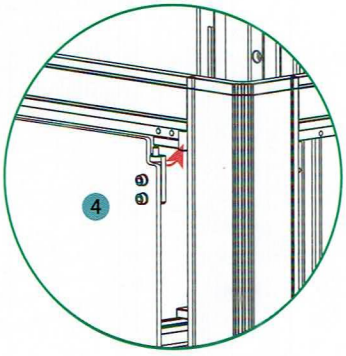
Put the two rotating shafts into the corresponding holes at the left and right ends of the base respectively as shown in Figure①.

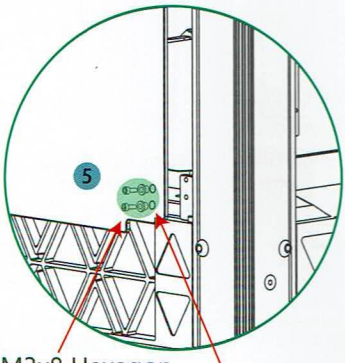


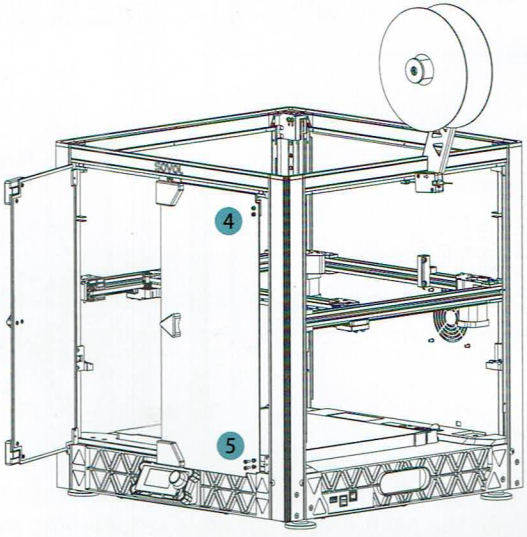




**step2**

As shown in Figure②, put the pivot on the left glass stopper into the hole of the left pivot fixing block, the lower hole of the stopper fits with the pivot fixing block, and fix it by using the M3x8 screws with the Plug nails, please see Figure③ for details.

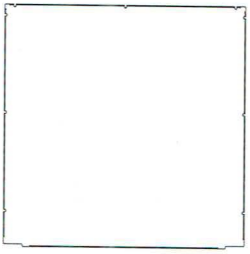


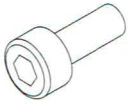




Referring to the installation of the left sealing plate,install the right sealing plate in the same order,see Figure④ and Figure⑤ for details.

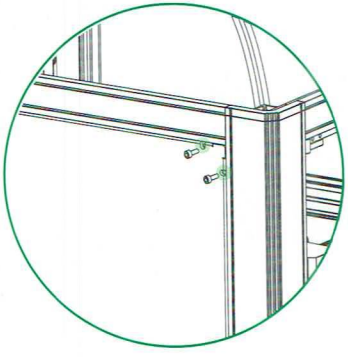
# Left Side Cover Plate Installation



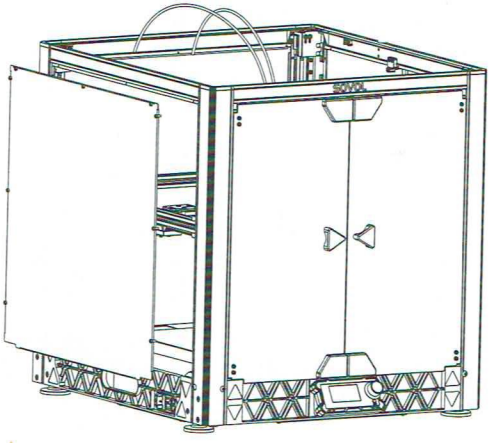
Left Cover*1



M3x8 Hexagon Cylindrical Head Screws*9

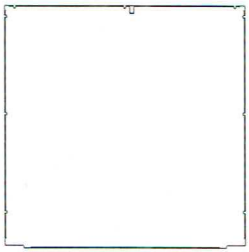


Use 9 pcs M3x8 socket screws to secure the left seal to the frame.

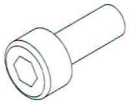


Pay attention to the front and back sides of the sealing plate, the front side is facing outward, and the reverse side has a sheet metal bending sealing plate protruding downward.

# Right Side Cover Plate Installation

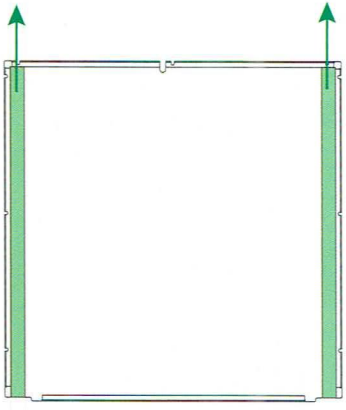


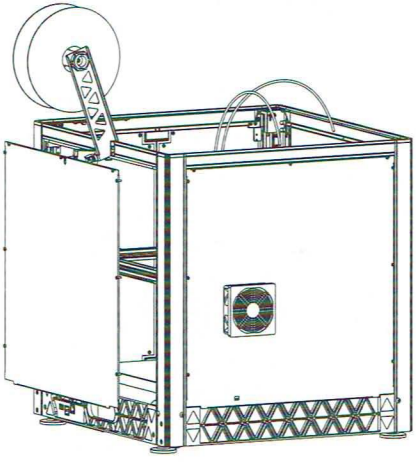
Right Cover*1



M3x8 Hexagon
Cylindrical
Head Screws*9

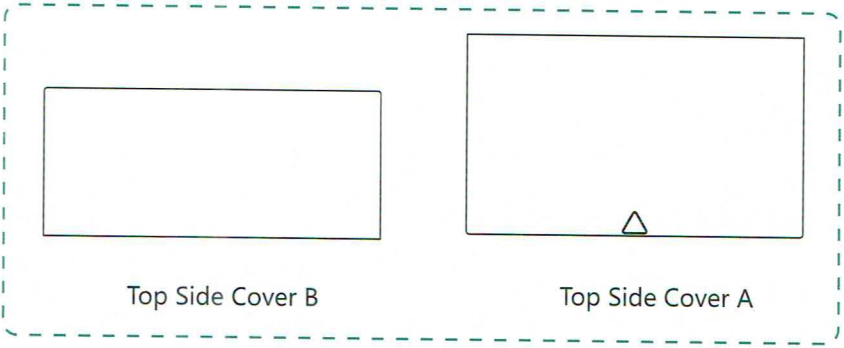
high-temperature-resistant



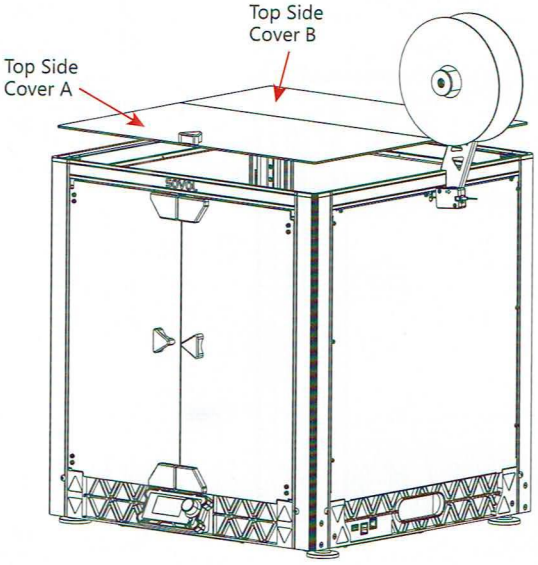


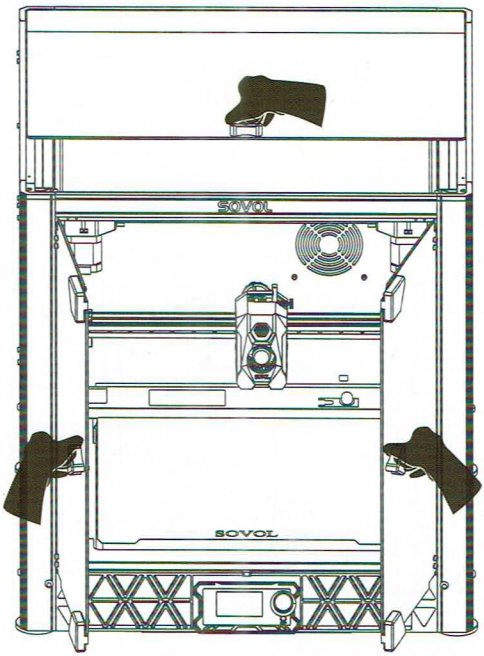
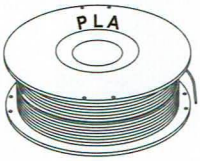
Use 9 pcs M3x8 socket screws
to secure the right seal to the frame.

Precautions
1. Note that there is a feeding gap at the top of the right sealing plate (distinguish the left and right sealing plates).
2. Please do not remove the high-temperature-resistant on the inside of the sealing plate.
3. Pay attention to the front and back sides of the sealing plate, the front side is facing outward, the reverse side is bent by sheet metal,and the convex side of the sealing plate is facing down.




As shown in the figure, the top sealing plate kit can be placed at the top, because the middle position of the top is not supp-orted, so the top should be paid attention to when placing the top glass baffle, in case it is holl-owed outand falling,and potential safety hazards occur.



Note:
The purpose of the printer's external sealing plate is to form a high-temperature environment, which is conducive to the use of f ilament such as ABS that require a high-temperature environment,.

When printing with PLA filament, you need to remove the top glass sealing plate and open the front glassplate to prevent the nozzle clogged due to excessive temperature.